

# THE EMPRESS EXPRESS

VOLUME XVIII, No. 51

EMPRESS, ALTA. THURSDAY, May 21st, 1931

Price: \$2.00 Per Year.

## United Church

Public Worship, 11.30 a.m.  
Church School, 10.30 a.m.  
Subject: "Pentecost"  
Text: "And when the day of Pentecost was fully come, they were all with one accord in one place."

There will be services at—  
Leland, 2.00 p.m.  
Social Plains, 7.30 p.m.  
"In zeal to run, forgetting how to fly, the ostrich gazed the earth and lost the sky."  
You need God, God needs you, come and worship Him."  
Rev. Geo. A. Shields,  
Minister.

## Castle Coombe

United Church services will be held at—  
Mayfield at 11 a.m.  
Wainfleet at 3 p.m.  
D. B. Tupper,  
Student-in-charge.

## The Aboriginal Races

Each year Parliament passes estimates for the supervision of the Indians and the Eskimos. The Indians in Canada number about 108,612 at present. A small yearly increase is evident and the popular notion that the race is disappearing is not in accordance with the facts. There is no reliable information as to their population either French or early British race, but the devastating effects of war and disease has reduced their numbers since those early days. It is recorded that one smallpox epidemic carried off about one half of the Indian population who were engaged in the Fur trade.

Indians are minors under the law and their affairs are administered by the Department. Reserves have been set aside as sanctuaries where they can live unmolested. There is a local agent on each reserve to control health, education, farming activities, legal transactions, etc.

Some Indians who are more advanced than others become enfranchised and then they lose their wardship. After the disappearance of the buffalo about 1875 it was necessary for the Government to issue rations of beef, flour, etc.

Treaties were entered into with the Indians whereby the native title to land was extinguished throughout the territory. (cont. on back page)

Coal, Wood, Contract Work or

GENERAL

## DRAYING

Light or Heavy Work

Transfer to and from C.P.R. Depot

E. H. FOUNTAIN

Phone No. 9

## Hospital Notes

Mrs. C. R. Moore, who underwent an operation last week, is doing nicely.

Born—To Mr. and Mrs. W. J. Hadden of Aoudia Valley, May 17, a daughter.

## CARD OF THANKS

The matron and staff of the Empress Cottage Hospital wish to thank the public for their patronage and the members of the I.O.E. and others who kindly helped towards the success of the Tea held in aid of the Hospital on Saturday, May 16.

## Make Observations Now To Forecast Cutworm Conditions for Next Year.

The pale western cutworm is now becoming active in most of the infested areas. The recent fall of moisture will probably complete the hatching of eggs which has been going on for the last month. The size of the cutworms in the field at present is from one quarter to one half an inch in length and plants are beginning to be cut off below the soil surface. "Indicator strips" and early sown grain are now showing signs of cutworm feeding during the first week in May and these signs of feeding will doubtless increase from now on. The question which will be most important to grain growers in another month or two will be the situation for the next year.

It is possible for every farmer to forecast the cutworm conditions for 1932 by starting his observations with May 4. These observations deal with the soil moisture condition.

It has been found that when the fields are too wet to use a disc-harrow the cutworms are likely to be on the surface, and a day with the soil in such a condition, whether raining or not, must, therefore, be considered as a "wet" day in forecasting. When it is not actually raining, an observation in the field will be required to determine the moisture condition of the soil and whether or not it could be easily dried.

Since the weather conditions only during the period of larval activity appear to have any influence on the increase or decrease of the cutworm population, it is impossible to use definite calendar periods for making observations. A hot dry May will cause the cutworms to develop rapidly so that they

## School Report

Grades VI, VII and VIII.

Grade VI—  
Maxie Pawlak, 84 1/2 p.p.  
Marjory Harburt, 83.6  
Bill Crocker, 80.6  
Harold Fraser, 75  
Mabel Longmuir, 72.7  
Jack McCune, 69.1  
Cornie MacPherson, 66.5  
Wilmer Hightmore, 62.7  
Frank Orend, 52.4  
Irene Durk, 48.9  
Arthur Durk, 48.4

Grade VII—  
Viola Burke, 73.6  
Melville Boswell, 72.5  
Melville Boswell, 68.9; Mildred Horn, 68.9  
Lester Nickel, 65.8  
Wilma Burke, 58.7  
John Burke, 56.7  
Stanley Pawlak, 50.6  
Grade VIII—  
Bill Lacey, 86.3  
Earl Boswell, 75.3  
Don McCune, 73.5  
In Fountain, 69.5  
Edith Flett, 47.6

A. Gillespie, teacher.

may be mature by the middle of June, while a cold spring may so retard development that larvae are still feeding in July. If weather conditions, and especially the soil moisture, are observed during the period in which the majority of cutworms are active and feeding, a forecast of the probable conditions for the next season can be quite accurately made by using the following method—

If there are less than ten "wet" days during the period of larval activity there will be an increase in the number of cutworms the following year.

If there are between ten and fifteen such days during the period of larval activity, there will in all probability be some decrease in the number of cutworms the next year.

If there are more than fifteen "wet" days during the period of larval activity, little trouble may be looked for from this insect the following year.

In the heavy soil areas these directions must be modified slightly. If the top inch and a half of soil is not sufficient soil moisture to constitute a wet day even though the lower soil may be too wet to permit the use of a disc harrow.

These "wet days" should be recorded on the calendar and when the majority of the cutworms have become inactive the number of wet days should be counted. All field operations for the rest of the season should be governed by the recommendations for pale western cutworm control if the number of "wet days" checked on the calendar indicates a possibility of cutworm.—H. L. Nesbitts, Dominion Entomologist Laboratory, Lethbridge, Alberta.

## Announce Sports Day

Aoudia Valley announce their Sports Day for Wednesday, July 1. They are offering \$200 for ball prizes.

## The Empress BAKERY

Get Your Bread, Cakes and Pastry from us. Town Deliveries made if required. Bread 3 Loaves for 25c.

MURRAY  
The Baker

## Tuberculosis Survey

We are in receipt of the following communication which is self-explanatory:

"Dear sir:  
There will be a tuberculosis survey in Medicine Hat during the week of June 8th, 1931. Two of the Central Alberta Sanatorium Physicians will do the examining. This is being held under the auspices of the Tuberculosis Association.

We are trying to get all tuberculosis contacts and suspects from the whole country-side to protect themselves. Appointments must be made through their own family doctor.

X Rays when required for this purpose will be charged for

## Tennis Memberships

The tennis courts are now practically ready. There has been a lot of work done on the courts, and they should be in the best shape they have ever been. Fees are set at the same prices as last year. Those wishing to secure membership tickets should see Mr. Ken Hendry.

Go ahead as fast as you like but be sure you are going in the right direction.

at \$2.50 each. If anyone is unable to pay this no one will be refused.

Yours truly,  
B. C. Armstrong, M.D.

## St. Mary's Church

Services will be held as follows:  
Sunday, May 24th, at 7.30 p.m.  
Cavendish, 11.00 a.m.

A. Patterson,  
Student-in-charge.

## Winds And Dust

Saturday, Sunday and Monday were characterised by violent dust storms. There was light precipitation over Sunday night. Farmers report grain above ground as suffering damage. There was much soil drifting, roads in some places being practically impassable.

## To the Holders of WAR LOAN AND VICTORY BONDS

A Statement by the Minister of Finance

»»

IN THE dark days of the War, Canadians loaned to the Government of the Dominion many hundreds of millions of dollars to enable the operations of the Allies to be carried to a successful conclusion.

When Canadians loaned their money to the Government, they received bonds which were promises to repay them the sum loaned with interest at the rate of 5% or 5 1/2% per annum. On the 1st of October next, \$53,000,000 of these bonds become due; on the 1st of November, 1932, the maturity will be \$73,000,000; on the 1st of November, 1933, \$446,000,000; and, in 1934, \$511,000,000 must be provided for.

It would not be prudent, either in the interest of the security holders or the country itself, to wait until these loans become due before providing for their payment or conversion. Action must be taken well in advance of the due dates to protect the credit of the country. The Government believes this an opportune time to afford Canadians the opportunity to exchange the bonds, which they own maturing in the next few years, for new bonds of the Dominion of Canada carrying interest at the rate of 4 1/2% per annum, which is a very attractive return. Prior to the maturity date of the present bonds, those who accept this offer will, of course, continue to be paid interest at the rate as provided by the bonds they exchange.

Canadians who have always shown confidence in their country are earnestly invited to exchange the bonds they now own for bonds of the new issue. By so doing, they will render less difficult the task of providing for the future finances of the country, will enhance its credit and will greatly assist the Government in the present period of worldwide readjustments.

No money will be asked for and no new bonds will be sold at this time. It is proposed to limit the present conversion to \$250,000,000, but the Government has the right at its discretion to increase the amount if Canadians indicate a general desire to continue their investments in the securities of their Dominion. The subscription books will close on the 23rd of May.

I earnestly seek the active support of my fellow Canadians in making this conversion, which is one of the largest financial operations our country has undertaken in recent years, creditable alike to Canada and its citizens.

*R. B. Bennett*

Minister of Finance.

Calgary's Popular Priced Hotels

## HOTEL YORK

EVERYTHING NEWEST—Rates \$2.50 and 3.00

Coffee Shop — Best Food — Lowest Prices

— ALSO OPERATING —

## Hotel St. Regis

RATES—\$1.50; BATHS, \$2.00. Weekly and Monthly Rates.

## WHY PAY MORE ?

GLYCERINE, ROSEWATER and BENZOIN .. 50c.  
MURIEL ASTOR WAVE SET ..... 50c.  
MURIEL ASTOR DEEP PORCELAINER ..... 50c.  
MURIEL ASTOR HAIR TONIC for Oily Hair ..... 50c.  
Also MURIEL ASTOR FACE POWDER ..... 50c.

These are all full size 6 oz. Bottles. Watch the Size of the Bottle as well as the Price. We will pay postage on all mail orders for the above.

These are Not Specials. They are our Regular Prices.

EMPRESS DRUG CO., Ltd.



## Three Air Mail Services For Eastern Canada To Be Cancelled Soon

Ottawa, Ont.—Cancellation of three air mail services will take post office officials here. The services are Montreal-Saint John-Moncton; Montreal-Ottawa-Toronto; and Montreal-Ottawa-Toronto.

Motives of economy were stated to be the cause of the reduction of services. All three services have been regarded as more or less experimental and the volume of mail carried has not been large. The Montreal to Ottawa flights were carried out about once a week. The other two were daily but proved too costly to be maintained in the face of low revenues.

For some time it has been predicted that air mail services would be curtailed. The post office department ended the fiscal year with a deficit in the neighborhood of \$600,000 and the situation has been carefully canvassed in the hope of reducing expenses. As far as could be learned no further cancellations of air services is in contemplation. The remaining routes are the lines from Rimouski, Que., in the east, to Lethbridge in the west, with several junction points making contact with air mail services in the United States.

## Heavy Grain Shipments

Nearly 30 Million Bushels Sold For Immediate Export

Montreal, Que.—Nearly thirty million bushels of grain have been booked for export during the next four weeks, and nearly 50 tramp steamers chartered to carry it across the Atlantic, together with regular liners. Reports of conditions prevailing during the early part of the St. Lawrence season are steadily improving.

Grain freighters have improved and one steamer was booked last week to carry 20,000 quarters of grain to Havre and Dunkirk during the first half of May at 12 cents a hundred pounds. The rates are below what shipowners considered normal though higher than those prevailing during the greater part of last season.

## Tribesmen Dying Of Thirst and Starvation

Winter Drought Dried Up Wells In Syria and Arabia

Jerusalem.—Hundreds of shepherd tribesmen and their flocks are dying of thirst and starvation in the desert of Southern Syria and Central Arabia, where the winter drought has killed off vegetation and dried up wells.

Word from Basra said it was likely that only those tribes which already have reached river banks or the deeper wells can live through the summer. It has been expected that the government send water and provisions by auto, truck and aeroplane.

### Civil Service Reduced

Ottawa, Ont.—Fifty more employees of the interior department were discharged recently, bringing the total number reduced under the reorganization consequent upon the return of natural resources to the Prairie Provinces to about 450.

### Canada-Mexico Auto Route

Mexico City—Automobile travel from Canada to Mexico City will soon be possible when a road from here to Laredo is opened. Only a small link remains to be completed. While not yet surfaced, the highway provides a passable route for motor cars.

## Earthquakes Cause Heavy Loss Of Life In Southern Russia

Moscow, Russia.—Further earthquakes in the Soviet Republic of Azerbaijan in Transcaucasia caused fear that the total number of deaths and the widespread destruction, which started Monday, April 27, may mount to more than 500, already unofficially estimated.

More than 2,000 persons were injured in the original quake Monday, April 27, which wrought great damage in the southern Transcaucasia and the Soviet Republics and was felt most severely in Armenia. Today's renewal of shocks occurred in the Zangezur district of Azerbaijan.

Greatest suffering is reported in many

## Searching For Lost Explorer

Ship With Airplane Carrying Provisions Has Left Iceland

Copenhagen, Denmark.—A wireless message received at Reykjavik, Iceland, purporting to be from Augustine Courtaud, British scientist who is lost in Northern Greenland, stated: "Absolutely without provisions."

An aeroplane which has left Iceland with the Iceland inspection ship "Odin" will fly from the edge of the ice barrier to Tasik and to Angmagssalik, searching for Courtaud en route. If the plane can find him it will drop provisions on the ice for his use.

He is believed to be somewhere in the southern Greenland area, where he was left to spend the winter and obtain meteorological data for use of British Arctic air force expedition. The site of this station has not yet been located thus far by rescue missions which have gone to Courtaud's aid.

## British Economist Gives Opinion On Depression

Might End In Three Months Says Sir Josiah Stamp

New York.—The end of the present economic depression in Canada and the United States will not be in sight before the end of the next three months, according to Sir Josiah Stamp, British economist, told the Canadian Press. The depression will probably come to an end in both countries simultaneously, he said, although recovery in the United States might be slightly more rapid than in Canada.

Stamp said he did not expect the slump will end in three months, he said, "but I will say it can't be done before that time. Some time ago I said it would not end before May. It has not ended and I now believe it cannot do so before the end of another three months."

## Firmer Hand In India

Believed That Lord Willingdon Will Enforce Stiffer Policy

Dondon, England.—Lord Willingdon takes up residence at the summer capital of India this week-end and is generally believed he will inaugurate a policy somewhat stiffer than that of Lord Irwin.

Lord Geoffrey Montagu, governor of the Punjab, said recently that the Punjab government's policy of non-interference had been successful, but would not be continued. The Punjab government, he said, would no longer stay their hand, but would deal properly with breaches of the law. The situation in the other Indian provinces is similar to that in Punjab.

## Prospects Good For Cattle Shipments

Increased Demand From Great Britain Is Indicated

Montreal.—Shipments of Canadian cattle to Great Britain are being well maintained and evidence indicates that there will be an increased demand from Great Britain as the season progresses. The first shipment from Montreal this season left April 30, aboard the "Manchester Commerce," taking 42 head, while the second, aboard the "Humber," left June 1. All shipments will average around 400 head.

## Fatal Plane Crash

Two Lives Lost When Machine Crashed At St. Brandon, Man.—The first major plane crash in the history of Brandon brought death to two young airmen when their machine crashed from a height of 1,000 feet and burst into flames near the local aerodrome.

The victims were: William Clark, 21, owner of the plane, and son of B. Col. and Mrs. F. J. Clark, Brandon, and William Britten, 27, pilot of Wawanama, Man.

Returning from a flight to Wawanama, the airman were preparing to land at the aerodrome when the plane swerved into a spin, exploded and burst into flames.

Like a rocket, it dived to earth, bringing instant death to the pilot and owner.

It was some time before the burning wreckage could be approached by airport attendants, and the bodies, entangled in the debris, were charred beyond recognition. Nothing was left of the plane but the bars, twisted steel work.

Hundreds of persons flocked to the scene of the disaster and the great difficulty in keeping the crowds away from the fire-stricken wreckage.

## Princes Welcomed Home

Prince Of Wales and Prince George End Long Journey

Windsor, England.—The Prince of Wales and his brother, Prince George, ending an 18,000-mile travel mission to South America, returned to the family hearth and were joyfully welcomed by the King and Queen.

Their arrival at Windsor Castle from Paris after an absence of three months and a half marks the occasion for a happy family reunion. Their parents and the Duchess of York, who had been in the United States, met the princes at the airport. Their arrival at Windsor Castle from Paris after an absence of three months and a half marks the occasion for a happy family reunion.

## Armistice Day Is Now Fixed Date

To Be Called Remembrance Day and Celebrated November 11

Ottawa, Ont.—After a brief debate in private members' hour in Commons, the House endorsed a bill to change the name of "Armistice Day" to "Remembrance Day," and have it celebrated each year on November 11. At present it is celebrated on the Monday of the week in which November 11 falls jointly with Thanksgiving Day. The date of Thanksgiving Day will be fixed as it was some years ago by the government.

### War Claims Heard

Ottawa, Ont.—A total of 457 cases have yet to be reported by the war claims commissioner, Errol McDougall, Montreal, of which 308 claims have already been heard, leaving a balance of 149 cases. If, however, jurisdiction is admitted in the claims arising out of the Armenian massacres, which were filed in 1920, 21, there will be an additional 271 cases yet to be reported on.

## Would Change Naval Treaty Plan

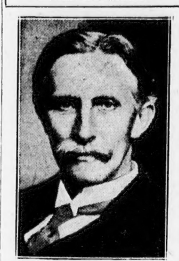
Paris, France.—Difficulty in arriving at an agreement on the exact meaning of the Italo-French naval limitation treaty has led to an unofficial proposal from quarters close to the ministry of marine that France drop the treaty with Italy and each country make unilateral statements as to her naval needs.

## King and Queen of Siam



King Pradhibodhi and Queen Rambai-Barni, monarchs of Siam, posed briefly for cameramen aboard their special Canadian Pacific train at Vancouver, B.C., before starting their trip to New York via the Canadian Pacific and Chicago. Indisposed when the Canadian Pacific liner "Empress of Japan" arrived at Victoria and Vancouver after a record-breaking voyage from Yokohama, His Majesty King Pradhibodhi was unable to receive the official delegation of welcome. His first public appearance was when he walked from the royal suite aboard the big white liner to the waiting royal train parked beside the ship.

### NOTED ECONOMIST



Sir George Paish, internationally-known economist, who said while in Montreal: "If the five-year plan succeeds it will mean the end of communism in Russia."

## Premier Has Announced Conversion Loan Issue

Federal Government Preparing Plans For Long Term Bonds

Ottawa, Ont.—Official announcement has been made by Premier R. B. Bennett that the Dominion Government was preparing plans for a new long term conversion issue. The new bonds to be offered at this time will be for the conversion of a part of all issues maturing between now and the end of 1924.

"A definite announcement of the conversion plan," the prime minister declared in his statement, "has been made only when the government is satisfied that every detail has been arranged for a Dominion-wide opportunity for holders of existing bonds to place their applications for conversion."

The prime minister's statement indicates that the preparations for the new loan have not reached the completion stage, reports from New York set forth. It is understood, however, that the loan will be for approximately \$250,000,000 at 4 1/2 per cent, and for a long term. The total value of bonds coming due in the next four years, which are to be taken care of in part by the conversion, is \$1,083,000,000. It is expected the loan will be offered shortly.

## Steamer Beothic Will Make Annual Expedition

May Again Make Attempt To Reach Winter Harbor, Melville Island

Ottawa, Ont.—The annual expedition of the steamer "Beothic" to the Canadian Arctic archipelago will be carried out as usual this year by officials of the Northwest Territories branch of the Department of Interior and the Royal Canadian Mounted Police. The "Beothic" will leave for the Arctic about the end of July and visit all the northern ports as well as the various posts where "N.W.T." men are stationed.

It is understood there will be another attempt to reach Winter Harbor, Melville Island, the cache there. This cache was put in over 20 years ago, and while it has been visited by travellers with dog teams, a boat has not called in there since it was established.

Last year an attempt to reach the cache was unsuccessful, due to ice conditions.

## Premier Of Manitoba Advocates Setting Up Of A Grain Market Board

Winnipeg, Man.—Sounding a caution note to the grain growers of the prairies to unite behind a well-ordered plan that would prevent dumping of the 1921 crop immediately after it was harvested, Hon. John Bracken, premier of Manitoba, in an address here, advocated the setting up of a government grain marketing board as a temporary measure.

A government grain marketing board, however, would be of little use, Mr. Bracken warned, unless during the life of the board the grain producers should immediately set about the reorganization of the marketing facilities they have built up in all the provinces.

In the event such a board is created, Premier Bracken urged the necessity of definite objectives being kept in mind for a future marketing system. These included "a system owned, operated and controlled by the producers themselves; it should be a government-owned institution upon present farmer organizations with modifications as may be found necessary; provide for a pooling system on a voluntary basis and elimination of duplication of and competition be-

between farmer-owned facilities."

"If any such reorganization should be effected, the Manitoba premier advised that provision should be made for releasing Wheat Pool signers from their contract. At the same time, he believed that those who still believe in pooling their grain should not be denied the opportunity to do so. Farmers desiring sale through non-pool channels, would have the opportunity to sell as they choose.

In presenting the case for a temporary government grain board Premier Bracken dealt with the present status of the Wheat Pool.

"Unless the pools are sufficiently financed to enable them to make a large initial payment, or unless a wheat board is established, the dumping of wheat by financially embarrassed farmers immediately after harvesting cannot be prevented. Such action on the part of the producers, even though justified, would force wheat prices down to still lower levels."

Establishment of a government board with a set initial payment of 50 cents or more, would, he declared, lessen the danger of forced selling.

## Value Of Corn Imports

Runs Into Millions and Duty May Be Demanded

Ottawa, Ont.—Canada is importing, for consumption other than distillation about 12,000,000 bushels of corn worth in excess of \$10,000,000 every year. This information, given to the House of Commons in answer to a question some days ago, may be the basis of a demand for a duty on imported corn, which now enters the Dominion free.

The corn, brought from the United States, and even from the Argentine to some degree, is used for feeding livestock in the central provinces. It is the claim of some western M.P.'s that the eastern market for feed should be belong to prairie growers of barley and other coarse grains. A demand for the reduction of rates on these grains, when shipped for domestic consumption, has already been voiced. A stiff duty on foreign corn may now be asked.

## Thresh Last Year's Crop

Saskatoon, Sask.—Threshing will be completed in the territory around Prince Albert this week, according to P. F. Molloy, travelling superintendent for the Pool Elevators, who has returned from an inspection trip in Western Ontario.

Announcement was made today that the Graham Paige Motors Corporation is establishing a factory in Walkerville, and building a new car will begin as soon as machinery can be installed.

## House Of Commons Passes Estimates For Public Buildings

Ottawa, Ont.—The House of Commons buckled down and spent a solid day discussing and voting supply.

Public Works Department estimates were under consideration, with particular reference to votes for public buildings in Ontario and the West. While there was plenty of criticism from varying angles, fair progress was made. When the House rose a total of \$2,229,150 had been voted for covering appropriations for the provinces of Ontario, Manitoba, Alberta and British Columbia.

When adjournment came the House had under consideration the general appropriation of \$252,300 for buildings in different parts of the Dominion.

Estimates for public buildings in Ontario, totalling \$1,378,400, were passed. The corresponding vote a year ago was \$2,616,323 and of this year's \$2,000,000 was a public building, estimated \$670,000 for the Toronto customs building.

A. L. Beaulieu (Lib. Provencher) raised a grievance when the Manitoba vote was called. The 1920 estimates passed by the King administration totalled \$12,000,000 for post office buildings.

Domestic City, Man. After the change in governments, the work was not proceeded with.

Hon. H. A. Stewart, minister of public works, stated that the course followed in this instance had been suggested by the member himself and said that the annual revenue would be \$1,300. The salary of the postmaster general was \$12,000 and the post office would then have to be maintained, interest paid on the money, repairs made and there would be a great deal about the building.

A. A. Heaps (Labor, Winnipeg)

[North], agreed with the minister of public works in opposing the erection of public buildings which did not produce revenue.

The House then approved the appropriation for public buildings in the province of Manitoba which totals \$817,000.

Proceeding to the Saskatchewan appropriations which total \$176,600, the House quickly ran through the individual items. They included \$38,000 for a public building at Watrous, \$28,000 for a public building at Regina, \$22,000 for one at Lumsden, and \$31,000 to pay the third instalment on the purchase of the Regina armories.

A protest against reduced estimates in the prairie provinces, as compared with amounts provided in Eastern Canada, was voiced by T. F. Donnelly (Lib., Willow Beach). The unemployment was worse in the western provinces, he asserted, and the provisions for public buildings showed a far greater reduction there than in the East.

Mr. Stewart stressed the large number of claims which had been made upon the department of public works. He had to be very careful in view of the many demands. Mr. Stewart referred to the construction under the reversioning agreement of immigration hall in Mr. McLaughlin's constituency. Today this building was not yet completed and he said it could be put to use possibly occupation by the Mounted Police. Deferral consequently must be excused so that no mistakes would be made.

The estimates for Saskatchewan and Alberta were then passed.

W. N. U. 1888



# May Harness Natural Gas Going To Waste In Turner Valley To Generate Electric Power

Millions of feet of natural gas now going to waste every day in the Turner Valley, Alberta, may be harnessed to generate electricity for industrial and domestic purposes. A proposal to do this has been submitted to the Alberta Government by a British corporation, according to press reports. It is stated that the corporation offers to spend \$100,000,000 on the project at the outset and a total of \$100,000,000 within 15 years and to begin work on the construction of a plant within 90 days from the time the approval of the Alberta Government is given to the proposal. The plant will be capable of generating 70,000 horse power of electricity within a year.

The plan for this new project, as outlined, is to collect the waste gas in Turner Valley into one pipe line running to the power house where it would be used to turn specially-designed turbine wheels which would generate electrical power for which a market would be secured in industrialization of southern Alberta. The power house would be located at a point probably 30 miles east of Turner Valley and it would not depend alone on gas from the Turner Valley but would utilize also gas from other fields. The corporation proposes, it is stated, to offer the electric power generated for sale in the provinces of Manitoba, Saskatchewan, Alberta and British Columbia, and also in the border states of the United States. The Government of Alberta is asked to pass legislation compelling all oil companies or individuals, whose gas is escaping and not being put to use, to supply the corporation with such gas at a price to be fixed through the Public Utilities Board. In consideration for the establishment of such a plant as proposed, an exclusive franchise for a period of 99 years to the corporation is requested. Provision would be made, if desired, for the Alberta Government to take over the plant on an equitable basis at some time in the future.

The scheme for utilization of the Turner Valley and other waste natural gas would produce electric power at a cost of about three-tenths of a cent per kilowatt-hour.

## Blind Will Benefit By New Invention

Instrument Produces Raised Letters From Ordinary Pages

Robert E. Naumburg, of Cambridge, Mass., has demonstrated for the first time a "printing visagraph," an instrument that produces magnified raised letters from the pages of ordinary books.

The visagraph reproduces large, embossed letters on a wide roll of thin aluminum foil, with the result that the finished product corresponds in some respects to the Braille system. Naumburg estimates his machine will increase the reading range of the blind a thousand-fold.

## A Brain Investigator

A tube a tired business man can slip over his head and his brain cells an investigating diet of electrons was one of the wonders of science presented to the convention of the American Electro-Chemical Society at Birmingham, Alabama. The same tube, J. A. Lee, connected with a trade publication, explained, can be used to reduce fever.

**A Quick Thinker**

Farm Labourer, to his co-workers: "Field: 'Didn't you see the notice saying pedestrians isn't allowed here?'"

Thinker: "With great presence of mind: 'I'm not a pedestrian. I'm a Congregationalist.'"

Labourer: "Oh, that's different. You can go on."



Manager: "I have just signed a contract for you to appear against Bull."

Champion: "I can't box him—he's an enemy."—Buen Humor, Madrid.

W. N. T. 1888

## FARM MANAGER



A. R. Judson, who is farm manager of the Dauphin zone for the Canada Farm Finance Corporation.

## Saskatchewan Coal Mining

### New Regulations Governing Leases

Reduction in the maximum, and increase in the minimum area allotted to any one lessee is provided for in the new coal mining regulations as published in the April 18 issue of the Saskatchewan Gazette.

Under the old Dominion government regulations the minimum area allowed was 2,500 acres. Only one location was allowed to any one person.

The new regulations provide for a maximum area of 640 acres for any one location, but provide for a location to a person. Thus the total area provided for under the new scheme is 1,920 acres. The minimum size of a location is 40 acres.

There are little other changes in the regulations, except that under the present plan, any lessee must have a clear sheet with the department before he can obtain a new location or have an assignment registered.

## Good Seed Pays For Itself

### Grain With Fine Record Of Production Plots a Market

We have heard of an Eastern farmer who sold a great deal of his wheat for two dollars a bushel. We did not hear the name of the plot, which he sold a great many of his oats, but the figure was a decidedly fancy one for this season.

The secret? He sold wheat and oats with a fine record of production behind them. Nor was that all; he found out customers who were really good thing and had sufficient cash to pay for the same.

This year as in other years, the man with a really good article to sell who makes his article known to the public has little difficulty in making money. This is still another reason for this affair. This farmer kept his eyes open for good seed himself and bought liberally of varieties that had a record of achievement behind them.

## Measurements Accurate

### Geodetic Survey Of Canada Made By Line and Triangles

Accurate measurements can be made across country by means of a measured line on the ground and a system of triangles. The triangulation of the Geodetic Survey of Canada, Department of the Interior, is conducted with the greatest degree of accuracy. Its use involves the determination of the size and shape of the earth, the location of international and provincial boundaries, and furnishes points of control for the general maps of the country. Adjusted geodetic points in great numbers are available to the public in every province of the Dominion.

## MERINOISE OF RICE

Put a cupful of rice into a pint of boiling water, and when the water has boiled away add a pint of milk, a piece of butter the size of an egg, four eggs and the grated rind of a lemon. Butter a pudding dish, pour in the mixture and bake until it sets. Serve white with hot dry, and half a cup of sugar and a tablespoon of lemon juice. When pudding is done spread the frosting over it and brown light on top.

The American golden plover, which breeds in Arctic America, migrates the entire length of North and South America, wintering in Patagonia.

## Trans-Canada Highway

### Desirability Of Linking Up East With The West Is Pointed Out

The desirability of linking up the incomplete portion of the trans-Canada highway is the subject of a letter sent to Premier R. B. Bennett recently by the western division of the Canadian Automobile Association.

The association stresses the fact that hundreds of thousands of Canadians, regardless of politics, realize the vast possibilities in the completion of the highway at the earliest possible time, because it will provide an artery for a tremendous volume of tourist traffic which now must make use of the United States highways in their passage from east to west.

"There is no estimating the number of Canadians," the letter reads, "who are looking to the day when the Big Bend connection between Revelstoke and Golden, B.C., will be completed. But they are more in doubt in regard to the 500-mile span in western Ontario, which may be regarded as the bridge between the east and west."

## Canadian Zinc To Europe

Twenty-Three Cars From Northern Manitoba Shipped To London and Hamburg

The largest shipment on record of made-in-Canada electrolytic zinc is en route from a large smelting plant in Northern Manitoba to London and Hamburg. The shipment was composed of a 23-car train destined to Halifax, Nova Scotia, then overseas. Fifteen cars are billed to London, and the remainder to Hamburg. Since the first shipment of electrolytic zinc from this plant in April last November, no less than 247 cars of blister copper and zinc have been shipped. Of this total 98 cars have been blister copper and 148 have been zinc. Most of the shipments have been assigned to eastern Canadian centres and to the United States.

## Grist Mill For Moose Jaw

Western Grist Mills Limited of Moose Jaw has started the erection of a 100 barrel mill and expects having it completed in time to handle the 1931 crop.

## Trade With China

### Canadian Products and Exporters Held In High Regard In Shanghai

Canadian trade with China has suffered less than that of most other countries from the general world depression, according to Lieutenant-Colonel L. M. Cogswave, Canadian trade commissioner at Shanghai, who is in Vancouver to spend several weeks conferring with importers and exporters and to make an intensive study of coast and western products suitable for the Chinese trade.

Canadian products and Canadian export houses are held in high regard in Shanghai and other parts of China. Their standing is at least equal to that of any foreign country and there is a distinct feeling of friendliness which augurs well for the future, Colonel Cogswave reports.

In the past six months there has been more inquiry for Canadian products than in any six months in the past five years. With conditions as they are this can only be regarded as most encouraging," he said.

## Frog Farm Builds Up World Trade

Was Started Eight Years Ago On Outskirts Of Vancouver

A frog farm on the outskirts of Vancouver, Washington, has proved to be such a success that the owner is called upon to deliver frogs faster than the frogs come up out of their winter hibernations in the mud to be shipped to New York or perhaps Australia.

Since the farm was started eight years ago, two of the biggest patrons have been Florida and Louisiana, which were former prolific in frogs. Most of the trade of the farm is in sending pairs of mature frogs for the purpose of starting other frog ponds.

## Superstitions Words

"Her observations covered 145 schools in fifteen different States."

"Personally? I don't think so."

"Personally?" "Do you mean that officially you do think so?"

"This line is to be linked up with that one."

"Why?"

## FASHION



No. 273—For Smart Matron. This style is designed in sizes 16, 40, 42, 44, 46 and 48 inches bust measure. Size 36 requires 4 1/2 yards of 39-inch material with 3/4 yard of 19-inch lace and 3/4 yard of 39-inch lining.

No. 282—Jacket Suit. This style is designed in sizes 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40 and 42 inches bust measure. Size 36 requires 2 1/2 yards of 39-inch material for blouse and jacket bands.

No. 286—Expresses Good Taste. This style is designed in sizes 16, 20 years, 36, 38, 40 and 42 inches bust measure. Size 36 requires 2 1/2 yards of 39-inch material.

No. 344—For Wee Maids. This style is designed in sizes 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40 and 42 inches bust measure. Size 4 requires 1 1/2 yards of 39-inch material with 1/2 yard of lining.

No. 461—For Smart Junior. This style is designed in sizes 8, 10, 12 and 14 years. Size 8 requires 1 1/2 yards of 39-inch material with 1/2 yard of lining.

yards of 39-inch material with 1/2 yard of 19-inch lining.

Our large Fashion Magazine shows the latest Paris styles for Spring and Summer for adults and children. Also instructive lessons in sewing. Price of book 35 cents.

All patterns 25 cents in stamps or cash (cash preferred). Write carefully.

## How To Order Patterns

Address: Winnipeg Newspaper Union, 175 McDermott Ave., Winnipeg

Pattern No. .... Size .....

Name .....

Town .....

# National Research Council Investigates Problem Of Effective Vaccine Against Tuberculosis

## CANADA FARM FINANCE



N. J. Siemens, farm manager for the Brandon zone of the Canada Farm Finance Corporation.

## Preparing Attractive Display

### Quebec Is Taking Large Space At World Grain Show

His Excellency the Governor-General has consented to act as chief patron of the world grain exhibition and conference which will take place at Regina in the summer of 1932. One of the most attractive displays in the educational section of the exhibition will be that from the Province of Quebec. It has been decided to take a space of 200 feet frontage in the exhibition building in order to give the thousands of visitors an idea of the agricultural activities of Quebec.

The centre feature of the exhibit will be a Quebec farm, complete with buildings, live stock, fields, sugar bushes, etc., flanked on either side with exhibits of natural resources of the province, including mineral, lumber, power development, handicraft and massive fur.

Argentina is the sixteenth country to officially accept the invitation of the Canadian Government to attend the Exhibition and Conference. The complete list of participants at present is as follows: Italy, Peru, Yugoslavia, Greece, New Zealand, Czechoslovakia, The Netherlands, Belgium, Poland, Spain, India, Portugal, Switzerland, Estonia, The Philippine Islands and Argentina.

## No Hearsay Evidence

### Court Case That Was Settled In Common Sense Way

It is well to see things done in a sensible way. To illustrate: In an Eastern city there was a queer case in court. One farmer claimed that a dog, belonging to the bush by his neighbor, had spread to his property and had spoiled the land by burning off the top part of the soil.

Instead of arguing for days, officials, solicitors, and witnesses, took a trip out to the property in question. Summing up with them they had spades and shovels. They actually went to work and gouged holes in the ground to see if the damage was as serious as claimed, and to find out exactly what had taken place. Returning to court, the decision was made that the fire damage claim had not been sustained.

## Not Looking For Miracles

### Western Farmers Will Fight Way Back To Prosperity

"Twenty-five years from now we will be growing a good deal more wheat than today, and selling it in the world markets," said Hon. Dan Marshall, one-time minister of agriculture in the Alberta Government, addressing the Eastern Canada Livestock Show at Toronto.

"Taken as a whole, I can say to you that the farmers in the Canadian West are not looking for any miracle to happen, or anybody to turn the country's economic upside down. They are going to win through better days, as they have fought through earlier depressions," he declared.

Mrs. Marshall had just returned from a month's motor tour through the West.

## Did Not Choose To Speak

A young woman who wished to engage Calvin Coolidge in conversation, when he was president, told Mr. Coolidge that her father had a wager that she couldn't get him to utter three words. She expected that the words would start him laughing. But she said quietly: "Dad win!"

"According to the committee of the National Research Council on tuberculosis research, much work remains to be done before the problems of an effective vaccine against tuberculosis are solved."

This statement was issued following an important conference on the subject in Ottawa, in which the leading doctors specializing in the study of tuberculosis took part.

The statement sets forth that the committee agrees "B.C.G." confers a degree of resistance to tuberculosis but the nature and extent has not been clearly demonstrated. Further studies are to be conducted to clear up these points definitely. About 1,000,000 infants have been vaccinated against tuberculosis. "B.C.G." is the vaccine of the Pasteur Institute of Paris.

The statement describes the work accomplished as follows: "B.C.G." (named for Dr. H. Calmette, the director of the Pasteur Institute and his colleague, Guérin), has been used in various countries to vaccinate a total of approximately 1,000,000 infants against tuberculosis. In the effort against bovine tuberculosis, B.C.G. has been found to be a preventive measure that would eventually make unnecessary the expensive and extremely commonly employed of destroying animals reacting to the tuberculosis tests.

"Canadian researches on tuberculosis have been ordered especially those of Dr. E. A. Watson, of the annual diseases research station, Dominion Department of Agriculture, at Hull, Que., who has challenged claims put forward by Calmette; Dr. A. C. Rankin, of the University of Quebec, and Dr. J. A. Baudouin, of the University of Montreal, whose work has tended to support Calmette's conclusions; and Dr. G. B. Reed of Queen's University. Dr. Watson and Dr. Rankin have carried on extensive experiments with cattle and Dr. Baudouin has supervised the inoculation and study of infants in Montreal."

Dr. Reed has recently made an important contribution to the knowledge on the subject and will publish his results shortly."

Dr. R. S. Ferguson, director of the Port Qu'Appelle, Saskatchewan, Fort St. John, Sask., reported on the tuberculosis investigation that has been carried on under the auspices of the committee among the Indians of that district. He said that a family history of the Indians showed that within three generations there had been deaths from tuberculosis in nearly every family on the reserve. The worst tuberculosis epidemic was between the years 1880 and 1905. To indicate the effectiveness of the work that was now being done, Dr. Ferguson reported that, while the incidence of tuberculosis among the Indians in 1928 was twenty times that of the surrounding white population, it was today only thirteen times, a reduction of one-third during that period.

Dr. H. M. Tory presided at the conference and 25 men and women engaged in the study of the disease took part.

## Increase In Poultry

### Value Of All Poultry In Canada Placed At Fifty-Four Million Dollars

Poultry keeping is on the increase in Canada. The total number of poultry on the farms in the Dominion at the end of last year was estimated at 50,750,000 of which 28,177,000 were hens and chickens; 2,399,000 turkeys; 1,180,000 geese and 988,000 ducks. The record of all birds placed in the Dominion was 35,482,000. Two years ago the total number of poultry was 53,779,000. Poultry are successfully raised commercially in all of the provinces of Canada. The principal centre of the industry is the Province of Ontario.





## Encouraging Trade Outlook

Canada Becoming Increasingly Independent In Her Industries

Canada is becoming increasingly self-dependent in her industries, her shipping and her agriculture, according to Canadian government statistics. These figures show that despite an increasing apparent consumption of manufactured commodities, Canadian manufacturers are more than holding their own in supplying more than three-quarters of the demand. That an increasing percentage of Canadian wheat is being exported through Canadian ports to overseas countries, that all coke used in Canadian blast furnaces is now produced in Canada, that the quality of Canadian meat and dairy products is improving under government grading and that Canadian exporters are increasingly successful in their search for new markets throughout the world.

The apparent consumption in Canada of manufactured commodities in 1929, figures for which have just been issued, amounted to \$3,308,578,487, an increase of slightly more than 1 per cent. over the previous year. Of this total, Canadian manufacturers supplied 74.5 per cent. in 1929, and 74.0 per cent. in 1928.

Gross value of manufacturing production in 1929 amounted to more than 4 billion dollars, while the total invested aggregated over five billion dollars, an increase over the preceding year of 7.4 per cent. and 6.3 per cent. respectively. Approximately 58 per cent. of Canada's overseas shipments in 1929, in the corresponding period of the 1929-1930 crop year. While overseas shipments through Canadian ports have increased by 62 per cent. shipments through Canadian ports have increased by nearly 80 per cent. while those through United States ports have increased by only 44 per cent.

In Canada's foreign trade during the past fiscal year, United States purchases from the Dominion showed increases over the preceding year in sugar, silver, coal, electrical energy and automobiles and parts. The latter were mainly re-exports of original imports from that country. Canada's exports to the United States showed increases in canned vegetables, cattle, canned fish, raw hides and unmanufactured leather, raw wool, farm implements, hardware, iron pigs and ingots, nickel, petroleum and its products.

## Prince Understands Value Of Advertising

**Gives Practical Advice To British Business Men In South America**  
T. B. Macaulay, president of the Sun Life Assurance Company of Canada, was practically advised by the sound, practical advice offered to British business men in South America by the Prince of Wales during his recent visit. At a banquet in Buenos Aires, the Prince told his fellow countrymen to send out their principles above all, he warned British firms hiding their light under a bushel. They must advertise, he declared.

To drive his point home, the Prince quoted a parody, perhaps one that he had made up for the occasion: "Early to bed, Early to rise, But you'll soon be dead If you don't advertise."

**John Still Good**  
"There," said the plumber, "in spite of all the silly jokes about us, we've not forgotten a single tool. My mate's here with me, we've got to go back for anything and we'll be back." "You've come to the wrong address," said the maid.

More than 1900 reindeer were killed on one railway line in Sweden last year, \$10,000 being paid in compensation to owners.



"Yes, Nature is lovely, but she ought not to live higher than four storeys up."—Lustige Berlin, Berlin.

W. N. 1, 1888

## I Might Solve Difficulties

Sir William Clark Suggests More Mixed Farming In Canada

The world depression of 1930 has affected Great Britain less than any of the other countries in the world, said Sir William Clark, High Commissioner for Great Britain in Canada, addressing the Canadian Club at Ottawa, Ontario.

Referring to the Canadian wheat situation, the speaker said: "In 1929, the Canadian production of wheat doubled, and with Russia shut out since the first of the war, it took all Canada could grow to meet the demand." Following the war, the drought of 1921 killed the European grain surplus for some years, he said. Now Canada was facing the same position England had confronted. He was of the opinion that industries over-developed during the war to suit conditions then facing England, were a large factor in the present depression.

"I'm not suggesting that you give up growing wheat entirely," said Sir William. "But even your authorities are stressing the great advantages to be obtained from mixed farming. Presumably some change must be made to meet the trend of the times, and it is likely that this change will be diversified, both Canada and in England."

## Athletics and Universities

Venerable Dean Does Not Believe In Making Professional Athletics Out Of College Men

Making a professional athlete out of a college man, according to Stanley Crampton, dean of Furber University, "is like cutting wood with a razor."

The venerable "dual conference" of more than 1000 students of men of American universities and colleges. "I wonder," he said, "what people who spend money for universities must think about their turning out baseball pitchers and catchers, half-backs and centers."

In discussing youth and age he defined youth as "the future" and said it is "a time for adventurous, impulsive action."

"Deans," he continued, "fall to take this into consideration. Youth reacts having to do things, because it is self-reliant. It is the time when one knows everything. For that reason those who supervise youth should be patient."

## Ticket Inspector Was Wise

Called Back Of Calgary Passenger and Won Out

On entering a compartment of a C.N.R. main line train, a ticket inspector noticed a passenger with him, "Tom, I've forgotten my pass. I'm working down the line, you know. I'll be all right." The inspector looked surprised but said nothing. He was going away when apparently an idea struck him. Turning to the passenger who had no ticket he said: "My watch has just stopped. Twenty minutes past five. Was the reply, 'Tom, I've forgotten my pass. I'm working down the line, you know. I'll be all right.' The passenger said, 'Twenty minutes past five? I've twenty.' The passenger paid."

## Poultry Production

Figures Indicate Steady Growth Of Industry In Prairie Provinces

The growth of poultry production in the three Prairie Provinces has been steady and consistent during the past three years. The number of birds raised annually is seen in the following table:

Manitoba	Saskatchewan	Alberta
1927 - 4,363,730	5,848,678	5,854,229
1928 - 4,414,056	6,450,345	6,213,706
1929 - 5,044,083	8,402,432	7,937,387
1930 - 5,658,700	9,507,018	7,625,400

## Surprise For Two

Two men stood looking at a car that one of them had bought recently.

Said Moses: "They, that car is worth one thousand pounds. I am going to surprise you. I will sell it to you for five hundred."

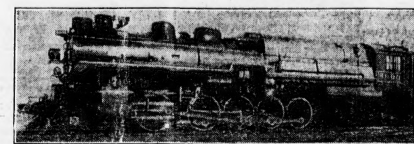
"Moses," replied Ike, "I'm going to surprise you. I will give you fifty."

"Now, Ike," answered the other, "I am going to surprise you again. I will take your offer."

## Sounds Like New Ideas

Nothing new under the sun? Certainly there is! A portable strawberry chain comes forth from Miami to claim its place in the sun and in the news. A retired Kansas City business man, now living in Florida, picked up his strawberry patch of 1900 pounds and put it in a greenhouse and has been picking strawberries since January.—Christian Science Monitor.

## Canadian Pacific Leads World



Unique on the North American Continent, and the largest and most powerful of its type in the world, the Canadian Pacific Railway Engine "8000," a product of Canadian brains and skill, and built largely of Canadian materials at the Angus Shops, Montreal, has just been completed, and will be taken West for use on the Company's Rocky Mountain territory.

Data of its size, efficiency and strength disclose some amazing figures. The weight of the engine is 485,000 lbs., and the tender 300,000 lbs., a total of 785,000 lbs., or 35 1/2 tons. It is 99 feet 3 1/4 inches in length overall. The ten driving wheels are each 63 inches in diameter. The tractive effort is 80,000 lbs., which means that it will haul on a level track a freight train over a mile in length, composed of 100 forty-ton freight cars and having a total weight of 6,000 tons. The

tender has a capacity of 12,000 gallons of water and 4,350 gallons of fuel oil enabling the locomotive to make long hauls without replenishing. The aggregate length of all the seamless steel tubes used in the construction of the boiler units alone totals 18,095 feet or slightly over 3 1/4 miles.

The "8000" is termed a "multi-pressure" locomotive because steam is generated in three separate portions and at three different pressures. Another outstanding feature is the firebox unit designed for 1,700 lbs. pressure per square inch with an average working pressure of about 1,350 lbs. This unit is really a closed circuit containing approximately 300 gallons of distilled water. The use of distilled water is to prevent accumulation of sludge and scale so common in water tube boilers. The closed circuit or firebox unit extends into the high-pressure boiler drum in

the form of 16 coils, called heat transfer coils.

There are three locomotives of this type in Europe which are showing excellent savings in fuel, ranging from 20 to 35 per cent, in comparison with the conventional design of locomotive. The largest of the European locomotives is only 42 per cent. of the weight and develops only 36 per cent. of the power of the "8000."

In co-operation with the American Locomotive Company, and the Superheater Company, of New York, H. B. Bowen, chief of Motive Power and Rolling Stock, Canadian Pacific Railway, designed the "8000," after he had made a special trip to Europe in 1929, for the purpose of studying various types and developments of locomotives there. The construction of this giant locomotive was handled under the direct supervision of J. Burns, Works Manager, Angus Shops, and T. Donald, of Mr. Bowen's staff.

## MacMillan Plans Aerial

Survey Of Labrador

Hopes To Solve Disappearance Of Coll and Nungesser

Commander Donald B. MacMillan says he hopes to solve the disappearance four years ago of Captain Charles Nungesser and Francis Coll, French flyers, when he attempts a round trip flight from Boston to London this summer.

The veteran Arctic explorer said he planned an aerial survey of the northern portion of Labrador, and a side trip to Baffin Land. He added he believes it possible the French flyers, who hopped off from Paris, May 7, 1927, for New York, might have been forced down in Labrador. He will keep a close watch for their plane, the White Bird.

With Charles F. Hoeveler, of Los Angeles, a former aviator, MacMillan said he would pioneer a proposed northern air mail and passenger route at the request of Great Northern Atlantic Airways.

They plan to take off from Boston, June 1, for Labrador.

## Much Too Busy

An Italian, having applied for American citizenship, was being examined in the naturalization court.

"Who is the President of the United States?"

"Mr. Hoover."

"Could you be President?"

"No."

"Why?"

"Master, you accuse me, please: I verba vult, I work da truck."

## Declines Invitation

The London Daily Mail said the Irish Free State had invited Alfonso, deposed Spanish monarch, to reside there, but that he declined the invitation. Many Irish people claim Spanish ancestry dating back to the Spanish Armada, some ships of which were wrecked on the Irish coast.

## ABDICATE SPANISH THRONE



The photographs reproduced above show King Alfonso and Queen Victoria, of Spain, who relinquished their throne April 4, before a proclaimed provisional Republican Government. The king's abdication came shortly after a republic was proclaimed at Barcelona and several other Basque towns.

## Fighting Fire With Fire

Parasites Sent From England To Destroy Sawflies On Prairies

Research workers of the British Empire marketing board have proved the truth of the saying that fleas have lesser ones upon their backs to bite them. Some 8,000 sawflies have been shipped from Farnham, England, to Belleville, Ontario, each carrying its individual parasites. They are destined for the wheat fields of Western Canada—to bring destruction to their obnoxious brethren.

Last autumn collectors rounded the English whiteflies, collecting stubble from which grubs were carefully shaken out. Later, at the "parasite zoo" at Farnham, the grubs were infected with smaller parasites. Careful propagation under the eyes of the board experts resulted in a healthy crop of vermin clinging to the 80,000 sawflies.

His another twist of that equally well-known adage—fighting fire with fire.

## Preaching and Practice

Proprietor Of Religious Weekly Lacked Faith In Own Prophecy

T. Lewis Sawyer, formerly on the official staff of the Guildhall, London, England, tells a good story in his reminiscences, "Gog and Magog and I." The proprietor of a certain religious weekly, which devoted a good deal of space to prophecy about the end of the world, came before the Court with an application for a lease. They said to him, "You write some of the prophetic utterances—"I do." "You lately stated that the world would come to an end in a few years—"I did." "Then why are you now appearing for a 99-years' lease of your property?"

"What must one do to have beautiful hands?"

"Nothing."

## The Influence Of Books

People Can Be Harmed By Reading Types Unsuited To Them

Reading which can be a wonderful benefit can also exercise a very malignant influence, Dr. J. C. Meakin, physician-in-chief of the Royal Victoria Hospital, stated in an address on what books and reading have done for civilization and where they are leading us, before the Hospital Library Book Club, recently. A book about a fire could do real harm to an excitable patient on the fifth story of the hospital, as could a love story to a neurotic, while books on travel and of biography to the bed-ridden may have therapeutic value in that they occupied the mind of the reader with thoughts external to himself. In order to gain a measure of good from the library the speaker suggested that books be classified as suitable for certain types of cases and that the doctor label cases as being one of these types.

## Jasper Park "Haymaker"

Interesting Animal Found In One Of Canada's Famous National Playgrounds

One of the interesting and curious little animals that inhabit Jasper National Park in Alberta, is the pikka. It is about the size of a Guinea pig with rounded ears, short legs and no visible tail. It can often be seen running rabbit-like across the boulders. Another name for the pikka is "the haymaker" from his habit of storing away dried grasses and plants for his winter food. Sometimes under an overhanging rock there will be found a miniature haystack, a bundle containing perhaps a barrel of well-cured vegetation which includes apparently specimens of every plant in the neighborhood.

Matches shipped from Sweden in the last three months of 1929 weighed 11,666 tons.

## Highways Should Be Beautiful

Screening Billboards Do Not Fit In With Decorative Scheme

It is gratifying to note that new regulations have been passed by order-in-council of the Ontario government which will prohibit the advertising to some extent. The regulations will limit any roadside place of business to a single sign and will allow advertising to be painted upon barns, fences, rocks or buildings unless it is in the interests of some business conducted on the particular property.

In New Jersey a law was recently passed providing for an annual fee to be charged each company in the business of outdoor advertising. A permit must be obtained for each new sign erected. A tax of three cents a square foot is collected on all billboards except those on the premises where the advertising business is conducted. No billboard may be erected within 500 feet of a road intersection where it might obscure the view of motorists.

The time may not be far off when drastic regulations will have to be enacted. No billboard may be erected within 500 feet of a road intersection where it might obscure the view of motorists. Public opinion is veering to the point where our highways are no longer regarded as a means of getting from place to place. The modern aim seems to be to beautify them and to make them as pleasant as possible for travel. Constructive screaming billboards do not fit into such a scheme of things.

## Fur Farms In Western Canada

A Substantial Industry Has Been Built Up In West In Recent Years

Though fur-bearing animals trapped in their native habitats continue to supply the greater percentage of mink's furs, there is a constantly increasing volume coming from fur-bearing animals in captivity, a means which for generations has been one of the principal sources of supply for fur of a wide variety, and still continues to be, has in recent years been augmenting the catches of trappers and hunters with the products of fur farms. The fur-farming industry is followed on a commercial scale in each of the nine provinces and in the Yukon Territory. In the past few years the industry in Western Canada has grown until it is now a substantial one. Ontario statistics recently issued show that the total value of fur farms in Manitoba, Saskatchewan, Alberta, British Columbia and the Yukon Territory amounts to \$5,877,142, an increase of \$2,889,000 in one year. The total number of fur farms is 990, of which 572 are fox farms, 240 mink farms, 108 muskrat farms, and 70 raccoon, martens, skunks, badgers, skunks, beavers etc. Manitoba is the principal center of the industry in Western Canada, with British Columbia next. About three-quarters of the total value of the industry is produced in the 990 fur farms was estimated at \$5,450,000, of which silver foxes alone accounted for over \$2,887,000. An interesting feature of the report is that the value of the muskrat population on the 208 farms increased in one year from \$133,710 to \$823,212, or over 450 per cent.

## New Short Air Route

Inauguration of a new air route from North America to Europe by way of Churchill, Hudson Bay and Greenland is under consideration by British, Canadian, United States, German and French interests, delegates attending the mid-western business Association for Foreign Trade, in Indiana, were told by Case R. Howard, manager of the foreign department of the Canadian Bank of Commerce, New York.

## Building Active In Winnipeg

The value of building permits in the City of Winnipeg for the month of March was more than double that for the same month last year, bringing the total for the year up to \$1,094,400. There is marked activity in home construction this year.



Wife: "I don't know what is the matter, but I have lost my hair." Husband: "Hurry! No more hats to buy!"—Moustique, Charleroi.







